NMV-173 / Digital MP4 Player with PLL Digital FM Radio with SD Card Slot and Speaker.

User Manual

NMV-173 is a new generation media player, supporting MP1, MP2, MP3, WMA, or WAV files. Its perfect tone in high reliability with refined exterior design brings you an ultra performance.

Overview

• Refined exterior design

Unique design fits for hand.

• Multi file format support!

This player recognize MP1, MP2, MP3, WMA and video in AMV format.

• Firmware upgrade available

You can download upgrade software from website enhancing player's function.

• FM stereo radio

Powerful automatic or manual tuning capability, save up to 40 channels (20 channels in each system).

• e-Documents

You can download text files into the player and read it any time as you like.

• Driver free USB memory

Manage your files in USB memory without specified software, no need drivers in WIN2000 or furthers.

• Secret Space'

You can separate part of the memory encrypting and hiding in using programs provided, where data cannot be seen or written by others.

• Recorder / Repeat

Voice can be recorded and saved in WAV format. Phase/Contrast repeat available.

• Equalizer

Normal, Rock, Pop, Classic, Soft, Jazz, Bass

• Backlight colors

This player provides 7 backlight colors.

• Play modes

Normal, Single Repeat, Play Catalog, Repeat Catalog, Repeat All, Shuffle, Lyric.

• Timing turning off

The player provides Sleep and battery saving mode, more convenience for you!

• Complete dynamical menu

Visualized dynamical menus with text instructions make you easy control.

Declarations

Welcome to choose our produce, please read this manual carefully.

Functions and performance may change without prior notice.

If any difference between produce and this manual, please visit our website

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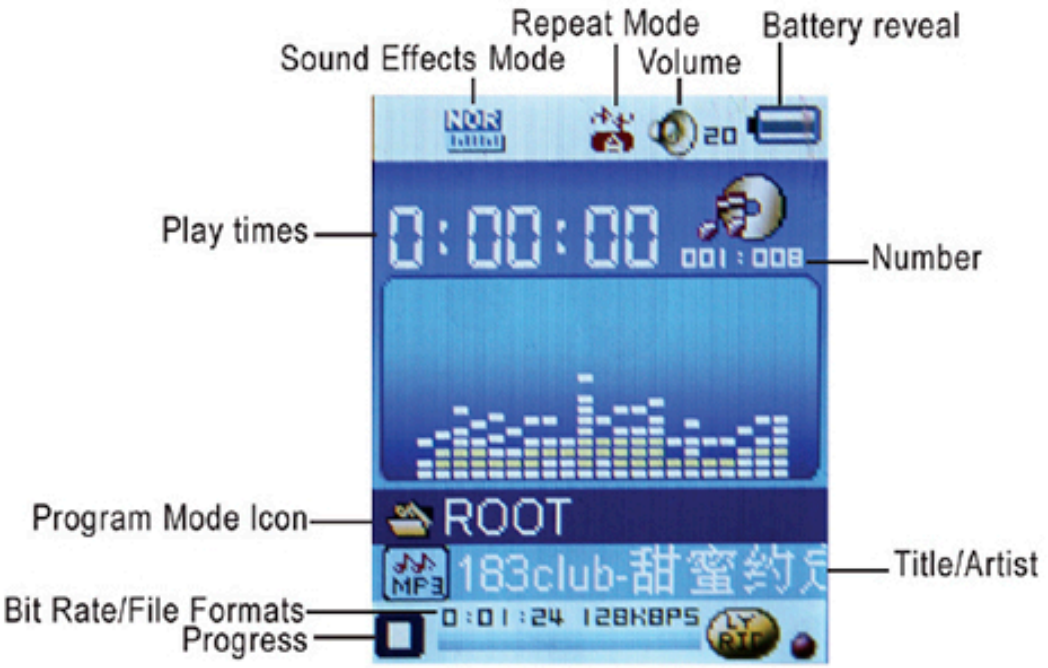
Know your player

Exterior and Key

① Menu
② Next
③ Power ON/OFF
④ VOL
⑤ EARPHONE HOLE
⑥ USB Port
⑦ PLAY
⑧ Card slot
⑨ Last

• Display



Battery Level

The player shows capacity in 9 levels

Battery is full on 3.7V. As time goes on, capacity indication will reduce.

Indicator shows blank when battery almost ran out. You should charge your battery at that time.

Please switch on the player before charge. This player cannot be charged in case of power off/

Please switch off power when not using the player.

Basic Functions

• Access to Menus

Press Mode to access menus.

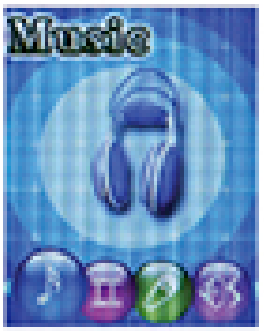
• Scrolling

- Scroll music, menus
- Fast Forward / Reverse when playing music.

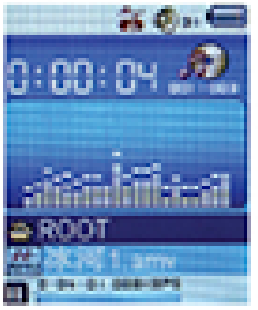
• List of Menus

To access different menu functions from main menu.

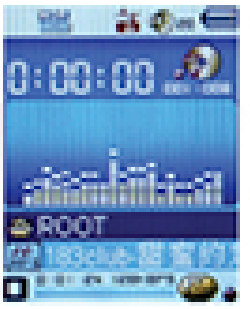
Main menu: (Hold Mode to access)



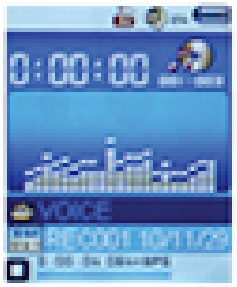
Video play:



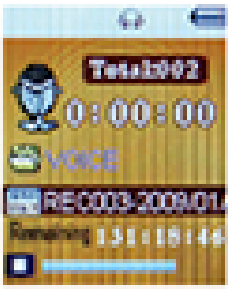
Music Mode:



Recorder Mode:

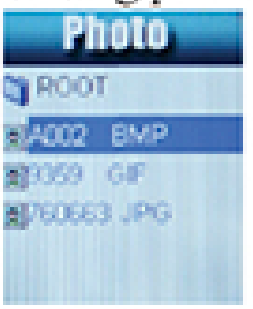


Play Mode:



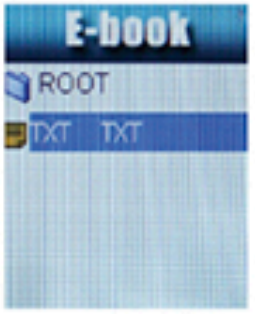
FM Mode:

Browsing pictures:



Settings:

E-Documents:



USB Mode (Connect to PC):

- **Volume Adjust**

  Press VOL+ to increase volume, press VOL- to decrease.

- **Switch on/off**

Press and hold Play to switch on when the player is off.
Press and hold Play to switch off when the player is on.

- **Play & Pause; exit from submenu**

On music mode, Press Play to play music.
When playing music, press Play to pause; press and hold to stop playing.

- **Start / Stop recording**

On recording mode, press Play to stop.

Keys Processing

- **Keys Functions Definition**

1.Play: Play, Pause, Stop
2.MODE: Entry main menu or exit from current menu.
3.REC: Entry voice record interface.
4.A-B: Access Repeat Mode interface..
5.VOL+: Volume increase
6.VOL-: Volume decrease.
7.Next: Next, FF, Volume increase
8.Last: Previous, Rev, Volume decrease
9.USB: USB outlet
10.Earphone: Standard earphone outlet
11.ON/OFF: Power switch

• Key Processing Definition

Keys processing includes 4 actions: Press, Press and Hold, Push, Hold. If not mentioned, all actions are Press.

Press: Press a key and valid immediately;

Press and Hold: Press a key and hold it at least 1.2s this action valid only once.

Push: Push a key, and valid when released.

Hold: events occur in such frequency then the key is holding such as Fast Forward and Reverse.

Play music

• Simple actions

1. Put earphone plug into earphone outlet;
2. Press and hold Play to switch the player on, then entry Music Mode and press Play to play music.
3. Select a music: Last: Previous music;

Next: Next music.

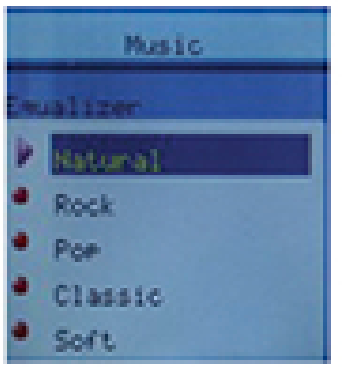
4. For AMV files, video play will apply.

• Equalizer Mode

1.When playing music

2. Press Mode to entry play submenu;
3. Push Next choosing Equalizer Mode;
4. Press Mode to entry 'Equalizer Mode' submenu.

Select an equalizer:



5. Detail of each equalizer (EQ):

Natural Rock Pop Classical Soft Jazz DBB

6. Push Next to select an EQ and press Mode to confirm.

• Synchronize Lyric Display

The player supports lyric files with *.LRC suffix, and displays synchronously.

How to use lyric files?

Please make sure the lyric has the same name to the music

For example:

Music file: Journey.mp3

Lyric file: Journey.lrc

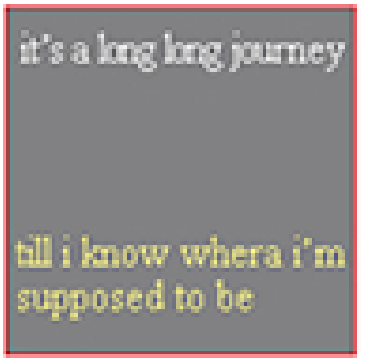
How to know if lyric available?

If lyric matched, a red icon

will be displayed on the left down corner of screen,

1.When marched lyric available:

2. Press and hold Mode to entry lyric interface;



3. Lyric displays
4. Press Mode return to music mode.

Voice Recording

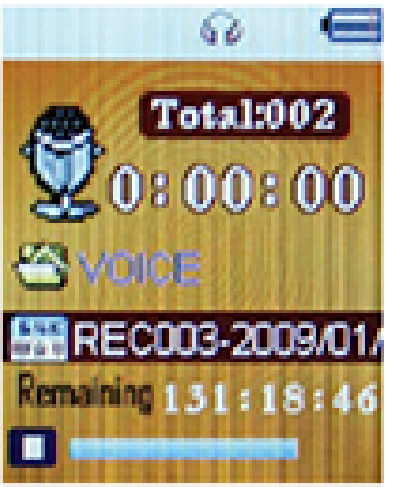
Please make sure the battery has enough capacity before making record.

Each fold can save up to 99 voice recording files.

• Recording on "Record mode"

1. .Entry main menu:

2. Push Next scroll to Record mode
3. Push Mode to select Record mod, screen will display as below:



4. Press Play to start recording.

⚠ Voice will be recorded in current fold which set through 'Record stop / Main fold'

⚠ If displayed "Memory full", it means mo space to save new record files, please delete other files to release memory space.

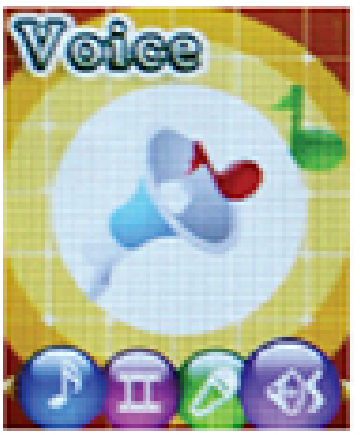
⚠ If "Fold full" shown, it means there are 99 record files in this fold. Please choose another one.

⚠ The player only responses to Play and A-B when record processing

• Select Record Type

1. When in the interface of 'Record stop'
2. Press Mode to entry record submenu

3. Push next scrolling into 'Record type' submenu then presses Mode to select it.
4. Press Next to choose appropriate type and press Mode to select it
5. Press Play to start recording.



Play recorded files

1. Entry main menu
2. Push Next to choose 'Play mode'
3. Push Mode to entry playing interface
4. Press Play again to play the file.
5. Choose voice record files。

Last: Select previous file;

Next: Select the next file;

Using FM radio

1. Entry main menu;
2. Push Next scrolling "FM Mode"
3. Push Mode to entry

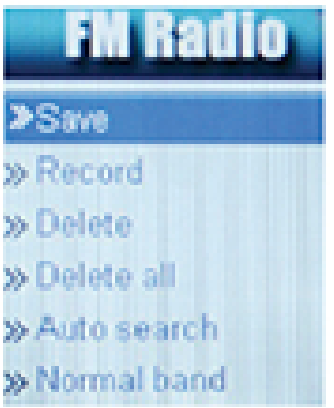
4. Auto tuning

Hold Last/Next 2 seconds to start the channel search in 100 KHz interval upwards or downwards. To stop tuning, push Last/Next.

5. Manual tuning

Push Last: Downward 100 KHz

Push Next: Upward 100 KH



6. Save current channel:

Push Mode to entry FM submenu

Press Mode again to save channel.

7. Listening to a saved channel:

You can press Play to choose a saved channel.

8. Volume control

VOL+: Increase volume;

VOL-: Decrease volume

⚠ : 20 channels can be saved each in "General Frequency" and "Japan Frequency"

• Settings

• Entry Settings

You can set system performances here, options may vary in different firmware version

1. Entry main menu
2. Push Next Scrolling into "Settings"
3. Press Mode to entry.

• Options introduction:

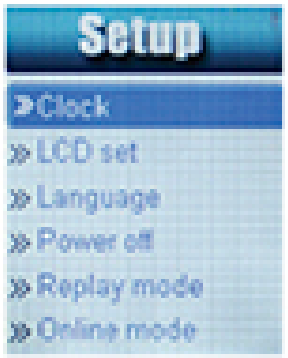
• (Recording Time)	Setting date and time when saving record d file
• (Screensaver)	Screensaver setting
• (Language)	Choosing different languages
• (Timing shut off)	Setting a count down time in minutes, the player will shut off when time out.
• (Repeat Setting)	Setting repeat status
• (Contrast Setting)	Setting display's contrast
• (PC Mode)	Options for 'Secret Space'
• (Memory Status)	Check memory space and usage status
• (Firmware Ver.)	Version of player's firmware
• (Upgrade Firm.)	Use for upgrade firmware
• (Exit)	Exit from Setting interface

• **List of menus:**

○'Recording time' Setting

1. System setting interface

2. Press Mode to entry'Recording time' interface Recording time:



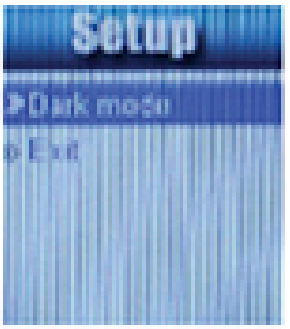
3. Push VOL+ setting from years (VOL- from seconds). While setting, year on twinkling.

4. Push Next the value will increase (Last on opposite)

5. After setting, press Mode to exit.

○ "Screensaver" Setting

1. Press Mode entry screensaver setting;

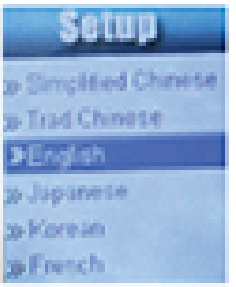


2. Push Next for choosing (Last for previous)

3. After setting, press Mode to exit.

○ Language Setting

This player has 24 display languages: Simplified Chinese, Trad Chinese;,English,;:Japanese, Korean, French, Germany, Italian, Spanish, Portuguese, Dutch, Swedish, Czech, Danish, Polish, Thai and Russian.Poland;Turkey,Hebrew,Thai,Hungarian,Romanian,Arabic,Indonesian,Greek,



1. Press Mode to entry 'Language' interface
2. Push Next / Last to scrolling.
3. After setting, press Mode to exit.

○Turning off Setting

Please note:

You can set time in seconds on 'Battery saving' mode, allow the player shut down automatically when player become stop and idle for the period you have set. This function id void if the time set to 0.

You can set time in minutes on 'Sleep mode', allow the player shut down automatically when the player become idle (regardless current status) for the period you have set. It is designed for listening music before sleep. Please note: Sleep mode valid only once after setting, you have to set again if you want to use it next time.

○'Repeat Settings'

Please consult into 'Sound Setting'

Note: in "Manual Mode" you should set repeat point manually. In "Automatic Mode" the player can identify sentence automatically when on A-B repeat. (This function is designed for repeat sentences in language studies.)

○'PC connection' Setting

Please consult into 'Sound Setting'

Some operation systems (Windows 2K SP4 or prior) may not recognize a USB disk with two symbols. Therefore, you have to choose an active disk here when using 'Secret Space' function only the active disk can be found in PC.

○'Memory status'

You can check total memory space and the percentage of usage.

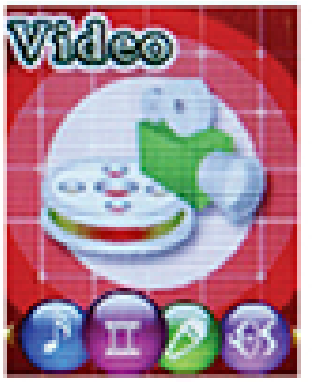
○'Firmware version'

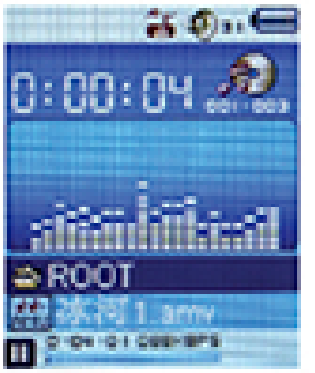
You can find the player's firmware's version.

○'Firmware upgrade'

Use for upgrade player's firmware.

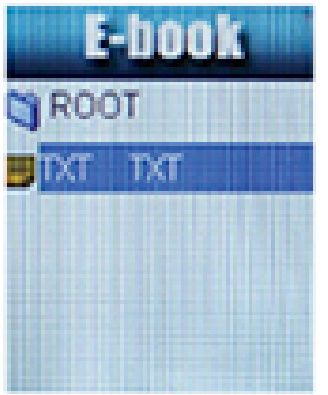
Tips: Press Play can exit current menu quickly. The function is valid on all other menus.





Play Videos

1. Entry main menu, press Next scrolling to "MOVIE" (Only available to AMV files):
2. Press MODE to entry:
3. Press PLAY to starting play



• Reading Documents

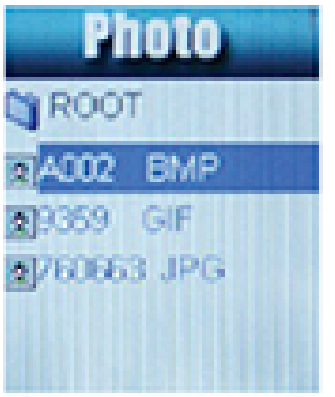
1. On main menu, press Next/Last choosing e-Document,
2. Press Mode to entry corresponding submenu:
3. Press Next or Last choosing the document you want to read, then press Play to read it.

Note: If you are set in 'Manual play' you must scroll text via Next or Last; texts can be scrolled automatically under 'Auto play' set.

• Browsing Pictures

This function is available for JPG/ GIF/BMP format.

1. On main menu, press Next/Last choosing Browsing pictures.
2. Press Mode to entry corresponding submenu:

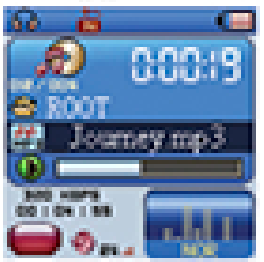
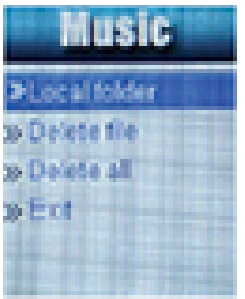
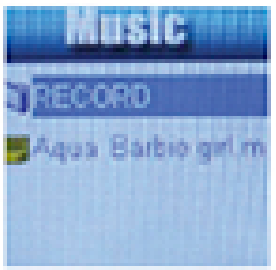
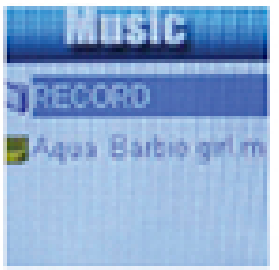


3. Press Next or Last choosing the document you want to read, then press Play to play it..

Other settings

• Choose other fold (Stop submenu)

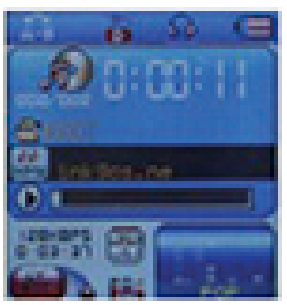
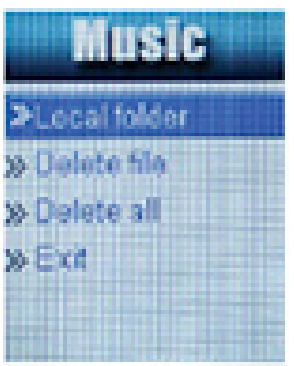
You can classify files into several different folders that ease to manage them (folders should be created on PC). The player can identify 9 folders in root

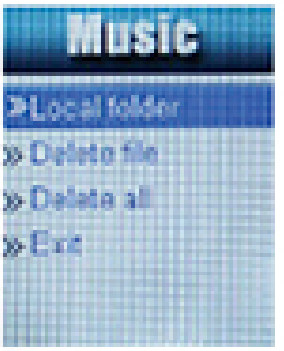
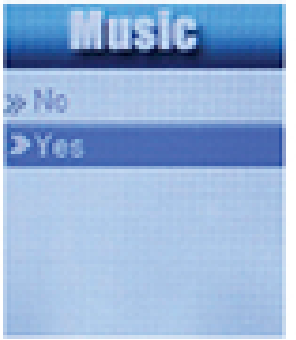
1. When stopped 	2. Press Mode to entry Stop submenu 
3. Press Mode to entry folder choosing interface 	4. Press Next or Last to choose a folder 
5. Press Mode to entry selected folder.	

Please note: You can set folders independently in Music / Recorder / Play mode

• Delete file (Stop submenu)

You delete correspond files/channels in each Music/Play/FM modes.

1.When Stopped. (No stop interface in FM mode) 	2.Press Mode to entry Stop submenu 

3. Press Next or Last to choose 'Delete file' or 'Delete all' 	4. Press Mode to entry delete interface. 
5.Press Mode to confirm delete	

'Delete all' will delete all files in current folder of current mode. I.e. Choose 'Delete all' in Music mode will delete all music files; recorder files will not be affected.

On FM mode, all saved channel will be removed.

⚠ Please safely removed player and unplug USB cable after delete files on PC, otherwise some files will not be removed.

• Play mode (Play submenu)

You can choose different play mode (i.e. repeat, shuffle) when playing music or recorded files.

The first option on Play submenu is 'Play mode'

○ REPEAT

(Normal)	Playing music files in sequence until the end of folder
(Repeat One)	Repeat single music file
(Folder)	Play all music files in folder
(Repeat Folder)	Repeat all music files in folder
(Repeat All)	Repeat all music files

○SHUFFLE

(Random)	Play music files in folder randomly

○INTRO

(Intro)	Play the 10s of each music files in sequence

• **Tempo rate(Play submenu)**

You can choose different play speed and not affect to sound. (Only valid to MP3 files)

1. While playing music
2. Push Mode to entry play submenu
3. Push Next scrolling to 'Play speed' option
4. Push Mode to entry
5. Push Next for faster, Last for slower

Note:

Play speed will applied to all music file

• **Repeat mode (Play submenu)**

Press A-B to entry or

Entry from Play submenu:

○ A-B Repeat

1. When play music or recorder
2. Push Mode to entry play submenu
3. Push Next scrolling into 'Repeat Mode' option
4. Push Mode to entry

Repeat Mode: 'A' of Symbol

flashes, waiting for starter A

5. Push Next to select 'A'

'B' of symbol

flashes, waiting ender B

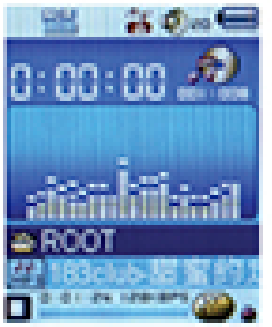
6. Push Next to select B

Symbol

fixed and starting repeat between A-B, while playing, you can push Last to reset A point.

In repeat mode, you can press VOL+ or VOL- to adjust playing speed

○ **Karaoke Mode (No such Function in Playing mode)**

1. A-B repeating	2.Push Next entry Karaoke mode
	

3. Repeat symbol' ' will be replaced to karaoke symbol ' '. Player begins recording voice to the length of A-B repeat period.	4. Upon time reaches, player resume play music file and the symbol replaced to' ', push Next entry contrast function.

⚠Press Last returns to Repeat A-B status.

Contrast Function (No such Function in playing mode)

1. While entry contrast function, repeat symbol displayed as" ", the original sound will be played.	2. While finish original, repeat symbol will be replaced to" ", player will play the voice recorded.

⚠Push Last return to 'Karaoke mode'

⚠Press Mode to exit repeat mode upon above three modes.

- **Repeat times (Play submenu)**

  Please consult into 'Backlight time setting'

  Repeat time determines the times of play A-b repeat until exit

- **Repeat interval (Play submenu)**

  Please consult into 'Backlight time setting'

  Repeat interval determines the time period between previous repeat (in seconds).

- **New Function Recommends!**

⚠About Secret Space

Some MP3 user may worry about divulging secret. They do not want others to find private information contained, therefore these data have to be removed before lend their own MP3 to others. It makes some trouble.

However, this problem has totally solved by 'Secret Space' technique!

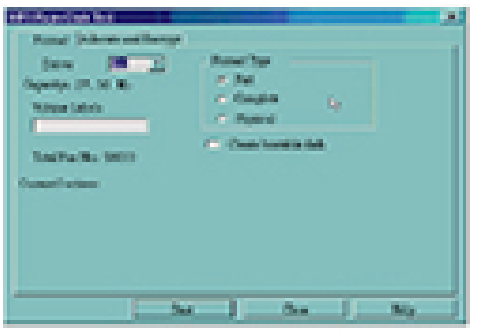
You can use provided software to divide the whole USB disk into

two parts, and encrypt one of them. You can move your privacy into the encrypted part; they will be protected by password.

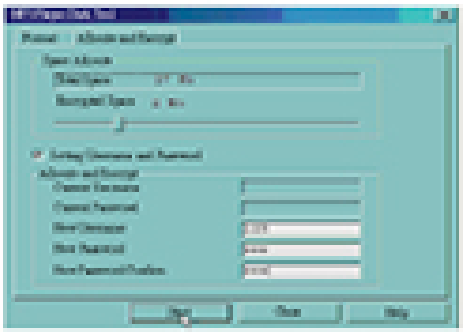
To active 'Secret Space':

1. Connect your player to PC

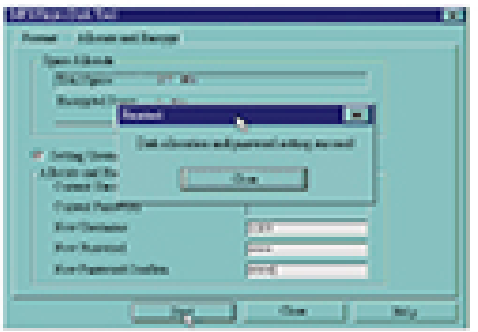
2. Run MP3 Player Disk Tool which can be found in provided CDROM



3. Click 'Allocation and Encrypt' card, Allocate appropriate space and set username and password, and then click Start.

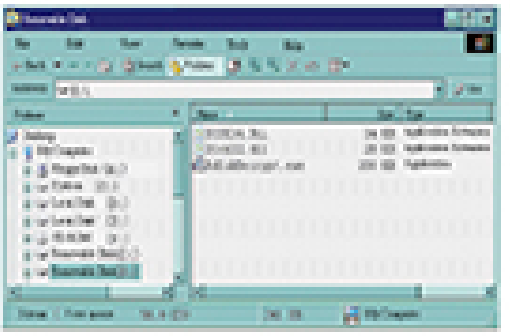


4. After space allocation, shown as below:

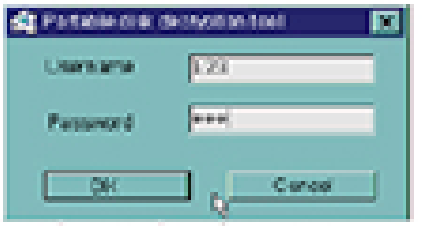


5. Click 'OK' to restart.

6. After restart you will find two disks (only one disk can be seen on Windows 2K SP4or prior), click the encrypted disk (the second one), you will find three files, two are hidden, one is executable



7.Running executable file 'RdiskDecrypt .exe' and input username and password. If all are correct, disk will be opened, and files can be copied into.



8.You must enter username and password each time access encrypted disk.

⚠ Warning: Divide one disk into parts will remove all data, and so does combine process.

⚠ Warning: Please remember username and password. If you forget it, you can only making combine processing and you will loss all encrypted data.

•Troubleshooting

No Power	Check if battery had installed properly Make sure you have switched the player on
No Sound	Make sure volume is not on 0 position and the connection to earphone is valid Please make sure the earphone is clean Damaged MP3 files may have noise and even cannot be played
Strange characters on display	Make sure you have chose correct language
FM has bad performance	Adjust place of player and earphone Switch off power appliance nearby Earphone can be used as antenna
Cannot Download Music	Check USB cable, and make sure the player is properly connected to the PC Check if the driver has well installed Make there is still blank memory

Technical Specifications

Dimension		
Weight		
Screen	1.8TFT	
Connecting to PC	High Speed USB1.1 (Read 1000K Byte, Write800K Byte)	
Memory	128M or above	
Power Supply	Max 6 hours play mode	
Voice Recorder	Sample rate	8KHz
	Format	WAV (32K bps),
	Time	
MP3、WMA、WMV、ASF	Max. Output	(L) 10mW + (R)10mW (32Ohm)
	MP3 Bit rate	8K bps – 320K bps
	WMA、WMV、ASF Bit rate	5K bps – 384K bps
	Freq. Response	20Hz to 20KHz
	SNR	85dB
	Distortion	
FM Radio	Freq. Range	76MHz – 90MHz / 87MHz – 108MHz
	Max. Stored Channels	20 + 20
	Max. Output	(L) 10mW + (R)10mW (32Ohm)
	SNR	45dB
Supported Music Formats	MP1, MP2, MP3, WMA, WAV	
Operate Temperature	23 to 104 F degree	
Languages Display	Simplified Chinese, English, Traditional Chinese, Japanese, Korean, Russian, Hebrew, Thai, French, German, Italian, Dutch, Portuguese, Spanish, Swedish, Czech, Polish, Finnish, Danish, Hungarian, Slovakian, Croatian, Romanian, Turkish, Slovenian.	
Supported Systems	Windows98/SE/ME/2K/XP、Mac OS 10、Linux 2.4.2, Windows 7	

Note: Product design and spec may change without notice.